APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Measurement of diffusion Coefficients in Solids at Various Temperatures Using Continuous Experimental Method of Radioactive Surface of 1 into Agl, by J. Nolting, 14pp. GERMAN, per, Zeitschrift fur Physikalische Chemie Neue Folge, vol. 32, 1962,pp.154-167
*CFSTI TT 70-58095
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apr 70

J. Nolting

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Nosaki, Ryo, Hori, Fumiaki, and Kurihara, Kanjin. METHOD OF PHOTOMETRIC DETERMINATION OF OXALIC ACID AND CALCIUM BY USING ULTRA-VIOLET ABSORPTION OF IRON OXALATES (III) COMPLEX BODY. [1963] 6p. (figs. tables omitted) 3 refs. Order from SLA $1.10 63-18810

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82, no. 6, p. 713-715.

DESCRIPTORS: *Oxalic acids, *Calcium, *Iron compounds, Oxalates, *Complex compounds, *Perchlorates, *Ultraviolet spectroscopy, Chlorine, Sulfuric acid, Acetic acids, Tartrates, Citric acids.

A method for the photometric determination of oxalic acid and calcium was tried by using the ultra-violet ray absorption of iron oxalates (III) complex body with the composition of 1 ; 1. In a solution (whose pH is 0.87) (Chemistry--Analytical, TT, v. 10, no. 12) (over)

63-18810

I. Nosaki, R.
II. Hori, F.
III. Kurihara, K.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

63-20632

Noll, August.
THE BEHAVIOR OF BITUMENS AND SOFT PITCH DURING HEATING. 29 Apr 52 [8p]
Order from SLA $1.10 63-20632

Trans. of Wochenblatt für Papierfabrikation (West Germany) 1948, v. 76, no. 5, p. 108-110.

DESCRIPTORS: *Bitumens, *Pitch (Material), Heating, *Paper industry, Coatings.

(Materials--Paper, TT, v. 10, no. 12)

1. Noll, A.

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Office of Technical Services

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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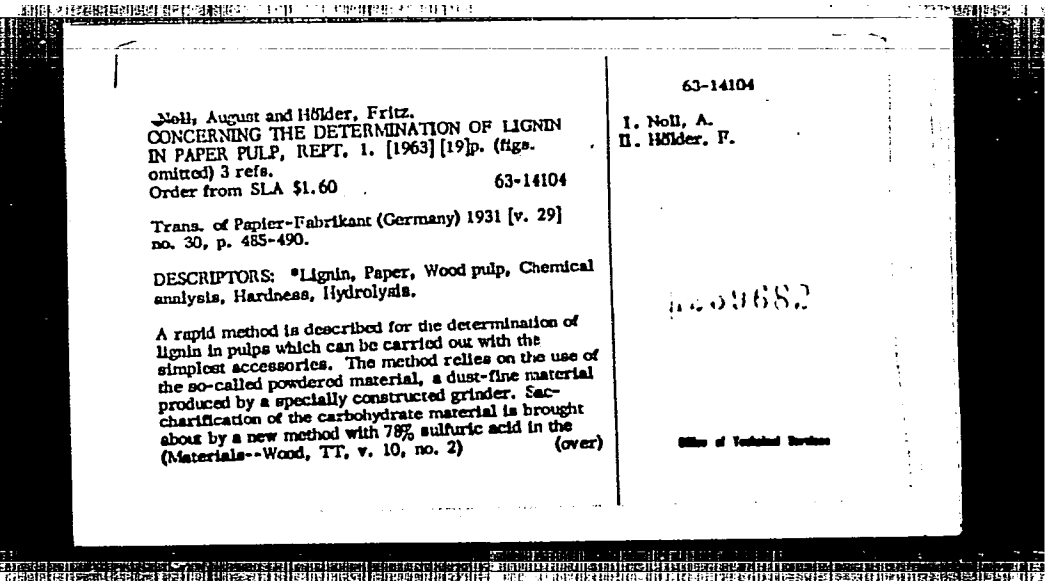

Noll, August and Hölder, Fritz.
CONCERNING THE DETERMINATION OF LIGNIN IN PAPER PULP, REPT. 1. [1963] [19]p. (figs. omitted) 3 refs.
Order from SLA $1.60 63-14104

Trans. of Papier-Fabrikant (Germany) 1931 [v. 29] no. 30, p. 485-490.

DESCRIPTORS: *Lignin, Paper, Wood pulp, Chemical analysis, Hardness, Hydrolysis.

A rapid method is described for the determination of lignin in pulps which can be carried out with the simplest accessories. The method relies on the use of the so-called powdered material, a dust-fine material produced by a specially constructed grinder. Saccharification of the carbohydrate material is brought about by a new method with 78% sulfuric acid in the (Materials--Wood, TT, v. 10, no. 2) (over)

63-14104

I. Noll, A.
II. Hölder, F.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Noll, August and Hölder, Fritz.
STANDARD METHOD FOR THE DETERMINATION OF THE LIGNIN-CONTENT OF BLEACHED AND UNBLEACHED PULPS, REPT. 3. [1963] 8p. (figs. omitted) 13 refs.
Order from SLA $1.10 63-14109

Trans. of Papier-Fabrikant (Germany) 1934 [v. 32] no. 15, p. 169-170.

DESCRIPTORS: *Lignin, *Wood pulp, Chemical analysis, Bleaching, Resins, Paper industry.

Two parallel research series were drawn up, in which one is designed for the quantitative determination of the lignin content while the second serves as a test of the completeness of the saccharification. (Author) (See also 63-14108)

(Materials--Wood, TT, v. 10, no. 2)

63-14109

I. Noll, A.
II. Hölder, F.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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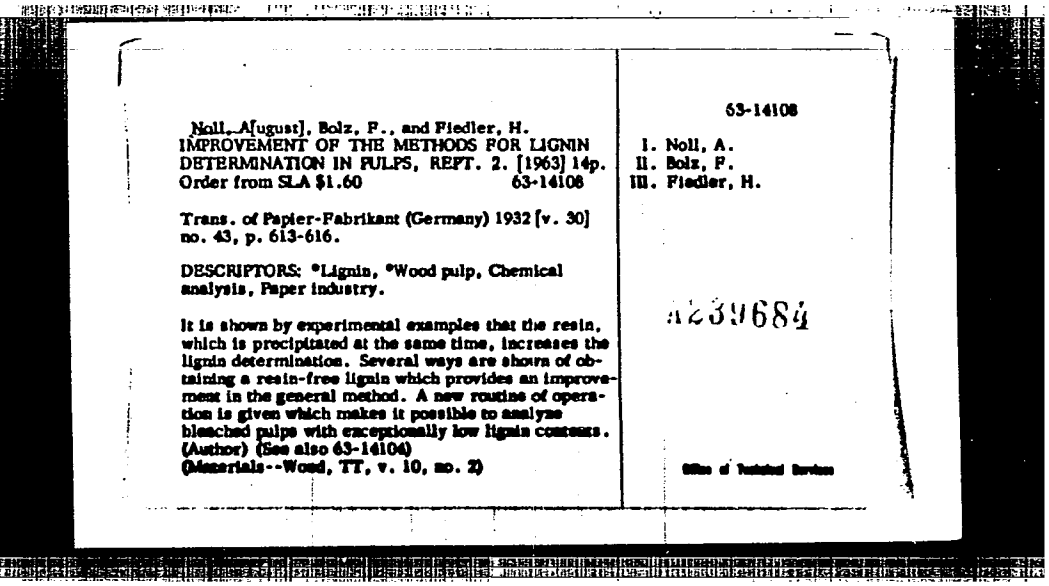

Noll, A[ugust], Bolz, F., and Fiedler, H.
IMPROVEMENT OF THE METHODS FOR LIGNIN DETERMINATION IN PULPS, REPT. 2. [1963] 14p.
Order from SLA $1.60 63-14108

Trans. of Papier-Fabrikant (Germany) 1932 [v. 30] no. 43, p. 613-616.

DESCRIPTORS: *Lignin, *Wood pulp, Chemical analysis, Paper industry.

It is shown by experimental examples that the resin, which is precipitated at the same time, increases the lignin determination. Several ways are shown of obtaining a resin-free lignin which provides an improvement in the general method. A new routine of operation is given which makes it possible to analyze bleached pulps with exceptionally low lignin contents. (Author) (See also 63-14104)
(Materials--Wood, TT, v. 10, no. 2)

63-14108

I. Noll, A.
II. Bolz, F.
III. Fiedler, H.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Microscopic Fiber Analysis, by August Noll, 7 pp.

GERMAN, per, Papier-fabrikant, Vol XXXVI, 1938, pp 133-135.

SLA 59-15244

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Vol 2, No 7

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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The Structure of a Vitamin K_2-Compound From Tubercle Vacilli and the Synthesis of Higher Isoprenologues of the Vitamin K_2 Series, by H. Boll, R. Ruegg, U. Gloor, 13 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XLIII, No 1, 1960, pp 433-438.

NIH 3-4-61

Sci - Med
May 61

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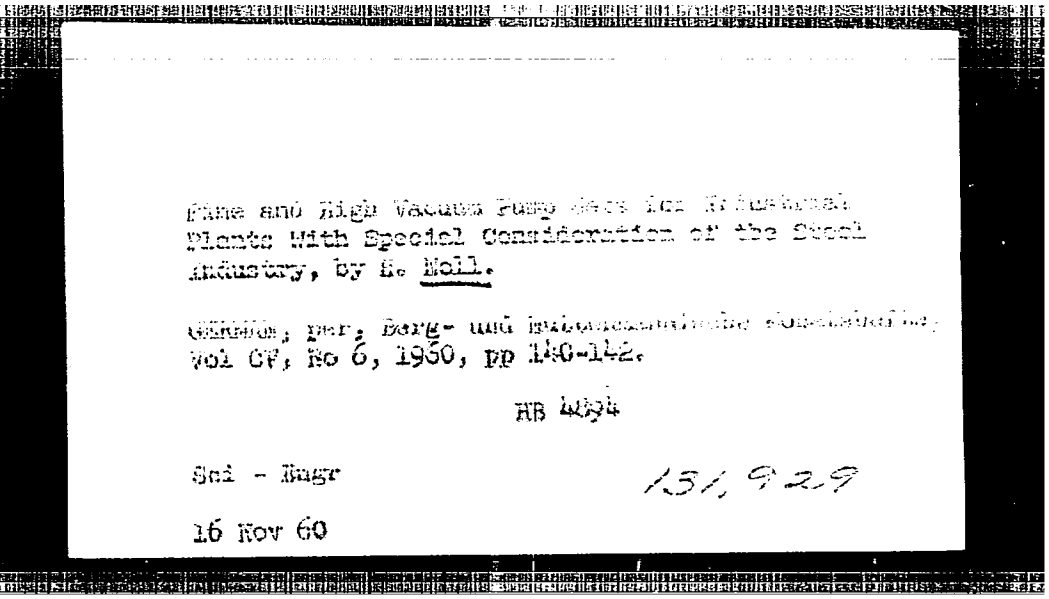

Plane and High Vacuum Pump Sets for Industrial Plants With Special Consideration of the Steel Industry, by E. Moll.

Chemie; Ver, Berg- und Hüttenmännische Abhandlungen, Vol 07, No 6, 1960, pp 140-142.

HB 4494

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Development Aspects of Silicones in Germany, by Habil W. Noll, 7 pp. (AF-65[illegible]587)

Full tr

GERMAN, per, Chemische Industrie, Vol VII, No 3, 1955, pp 97, 98. CIA 56 3435

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Sci - Chemistry
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Noll, W.
RECENT INVESTIGATION OF REACTIONS IN HYDROUS SILICATE SYSTEMS (Neuere Untersuchungen von Reaktionen in Wasserhaltigen Silicat-Systemen). [1961] [27]p. (foreign text included)
20 refs.
Order from SLA $2.60 62-10446

Trans. of die Chemie (Germany) 1944, v. 57, no. 13/16, p. 90-94.

DESCRIPTORS: Water, *Silicates, Hydrates, Chemical reactions, Phase studies, *Aluminum compounds, *Silicon compounds, *Oxides, Reaction kinetics.

(Chemistry--Inorganic, TT, v. 8, no. 9)

62-10446

I. Noll, W.

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Noll, W., Damm, K., and Fauss, R.
STUDY OF THE SYSTEM SiO_2/H_2O: SILANOL AND WATER CONTENTS IN AMORPHOUS, HIGHLY CONDENSED SILICIC ACIDS AND THEIR BEHAVIOR IN DEHYDRATION AND REHYDRATION. [1962]
28p. 24 refs.
Order from SLA $2.60 62-18665

Trans. of Kolloid Zeitschrift (West Germany) 1960, v. 169, no. 1/2, p. 18-28.

DESCRIPTORS: *Silicic acids, Dehydration, *Silicon compounds, Dioxides, *Water acids, Condensation, Chemical reactions, Reaction kinetics, Gels.

(Chemistry--Physical, TT, v. 9, no. 8)

62-18665

I. Noll, W.
II. Damm, K.
III. Fauss, R.
IV. Title: Silanol. . .

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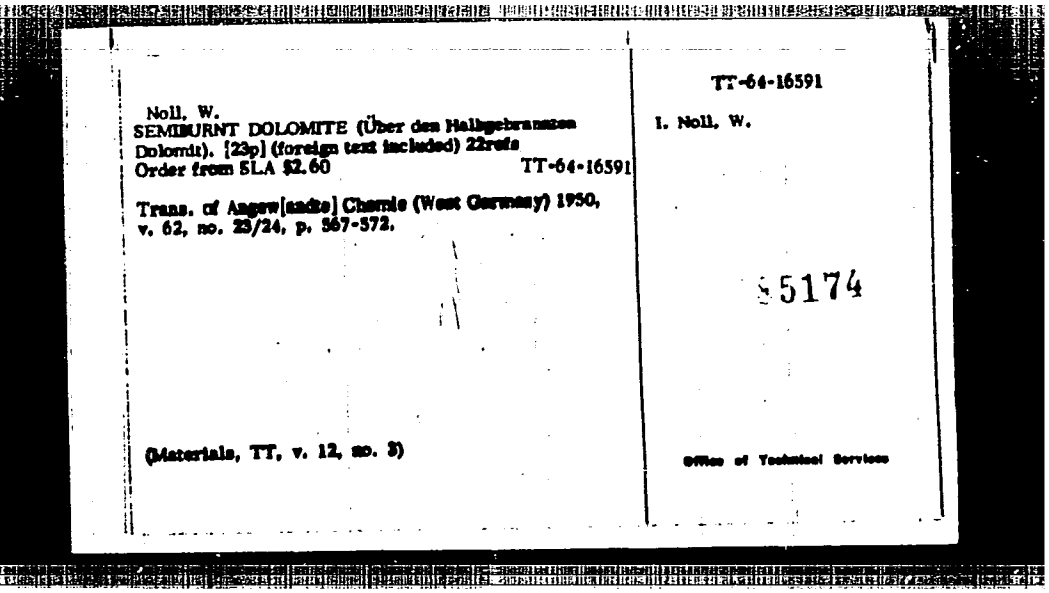

Noll, W.
SEMIBURNT DOLOMITE (Über den Halbgebrannten Dolomit). [23p] (foreign text included) 22refs
Order from SLA $2.60 TT-64-16591

Trans. of Angew[andte] Chemie (West Germany) 1950, v. 62, no. 23/24, p. 567-572.

(Materials, TT, v. 12, no. 3)

TT-64-16591

1. Noll, W.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Noll, W., Damm, K, and Krauss, W.
CONDENSATION AND HEAT RESISTANCE OF SILICON RESINS. [1961] 21p. (illus. equations omitted) 10 refs.
Order from SLA $2.60 62-14053

Trans. of Farbe und Lack (West Germany) 1959, v. 65, no. 1, p. 17-24.

DESCRIPTORS: *Silicone resins, Resins, Condensation reactions, Heat resistant polymers.

A new method is described for determining the functional silanol groups and the water content in silicon resins, and the silanol and water content of various types of resin are determined. The condensation behavior of silicon resins is studied with the aid of this method and of infrared spectroscopy. This can be combined in two phases, not sharply distinct from each other: a first phase in which (Materials--Plastics, TT, v. 8, no. 3) (over)

62-14053

I. Noll, W.
II. Damm, K.
III. Krauss, W.

212(6)

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Synthesis of Serpentine Asbestos, by W. Noll.

UNKNOWN, FIAT Microfilm Reel T-14, Frames 58-67, 1942, I. G. Farbenindustrie.

Dept of Int,
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Electrotech Exp Sta,
Norris, Tenn.

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Recombination Radiation in Cadmium Telluride During Excitation by Pulses of Fast Electrons, by V. S. Vavilov, E. L. Nolle, et al, 11 pp, RUSSIAN, per, Fiz Tverdogo Tela, Vol XI, No 5, 1964, pp 1406-1412. JPRS 25344

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Jul 64 263,580

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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Polyarthritic Syndrome in the Pre-Icteric Period of Botkin's Disease, by L. Ia. Wolle (Riga), 11 pp.

Full translation.

RUSSIAN, per, Klin Med, Vol XXIX, No 7, 1951, pp 52-55.

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Scientific - Medicine

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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Carrier Generation Centers in Diffused Silicon p-n Junctions, by Ye. L. Nolle, G. N. Galkin, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 8, 1961, pp. 2350 - 2354

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192, 519

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Noller, E. C.
SELF-LOCKING NUT. [1962] 5p.
Order from ATS $8.00 ATS-43P61F

Trans. of Belgian patent 525,585, appl. filed 8 Jan 54, granted 30 Jan 56.

DESCRIPTORS: *Self-locking nuts, Nuts (Mechanics).

(Machinery--Machine Parts, TT, v. 8, no. 5)

62-17686

I. Noller, E. C.
II. Patent (Belgium) 525 585
III. ATS-43P61F
IV. Associated Technical Services, Inc., East Orange, N. J.

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Office of Technical Services

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The Decomposition of Alkyl Chlorides on Hot Tungsten Wires; A Case of Pseudo-heterogeneous Catalysis, by G. M. Schwab, D. M. Young, H. Noller, 28 pp.

GERMAN, per, Zeitschrift fur Physikalische Chemie, Vol XVIII, 1958, pp 118-200.

SLA 60-14015

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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Noller, H. and Ostermeier, K.
ON THE ACTION MANNER OF SALT CATALYSTS AT THE SEPARATION OF HYDROGEN CHLORIDE FROM ALKYL CHLORIDES. 12p (8 figs omitted) 24refs.
Order from SLA $1.60 TT-64-18157

Trans. of Z[eitschrift] für Elektrochemie (West Germany) 1956, v. 60 [no. 8] p. 921-929.

(Chemistry--Physical, TT, v. 12, no. 7)

TT-64-18157

I. Noller, H.
II. Ostermeier, K.

4437

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Characterization and Catalytic Action of Solids,
H. Koller, 28 pp.

GERMAN, per, Angew Chem, Vol LXVIII, No 24, 1956, pp 761-776.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Separation of Isotopes in a Circular Stream, by H. J. Martz, H. G. Moller. 16 pp.

GERMAN, per, Z. fuer Naturforschung, Vol XVIa, No 6, 1961, pp 569-577. 9092290

AEC Tr 4775

Sci - Chem, Phys
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172, 418

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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Fine Vacuum Pumps According to the T Roots Principle, by H. G. Noller, R. Thees.

GERMAN, per, Verein Deutscher Ingenieure Z, Vol XCIX, 1957, pp 613-619.

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Sci - Engr
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211, 43-7

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Process and Equipment for the Separation of Gas Mixtures by the Action of Centrifugal Forces, by Hans-Georg Noeller, 10 pp.
GERMAN, Patent No 1,134,793, 26 Sep 1963. 9225846
AEC-Tr-6881

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Physical Processes in Diffusion Pumps and Ejector Pumps. II. The Intermixing of Air and Operating Vapour, and Pumping speed, by H. G. Moller, 13 pp.

GERMAN, per, Z fuer Angew Phys, Vol VII, 1955, pp 225-229.

AEC-MP-Tr-243

Sci - Phys
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PARTIAL PRESSURE ANALYSES OF THE FINAL PRESSURE OF OIL DIFFUSION PUMPS BY THE OMEGATRON, BY G. REICH, H. O. NOLLER, 15 PP.

GERMAN, PER, Z. FUER ANGEW PHYSIK, VOL IX, NO 12, 1957, PP 617-621. 9082396

AEC UCRL TR-700

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

Nolte, H.
CLINICAL EXPERIENCES WITH HYPERTENSIN-II AMIDE (Klinische Erfahrungen mit Hypertensin-II-Amid) [1962] 10p. 23 refs.
Order from SLA $1.10 62-14327

Trans. of der Anaesthesist (Germany) 1961, v. 10, [no. 8] p. 242-245.

DESCRIPTORS: *Drugs, Therapy, *Traumatic shock, *Hypertensin, Epinephrine, *Amides.

Some 15 cases of peripheral vasodilation are described. Treatment consisted of i.v. infusion of Hypertensin-II-amide and in 5 cases additional infusion of Noradrenaline. With the exception of some unimportant factors the results agree with these of Bergmann, and Weis. Contrary to Bergmann the Hy-treatment is not considered as an ultima-ratio-therapy but the non-plus-ultra treatment (Biological Sciences--Pharmacology, TT, v. 8, no. 3)
(over)

62-14327

I. Nolte, H.

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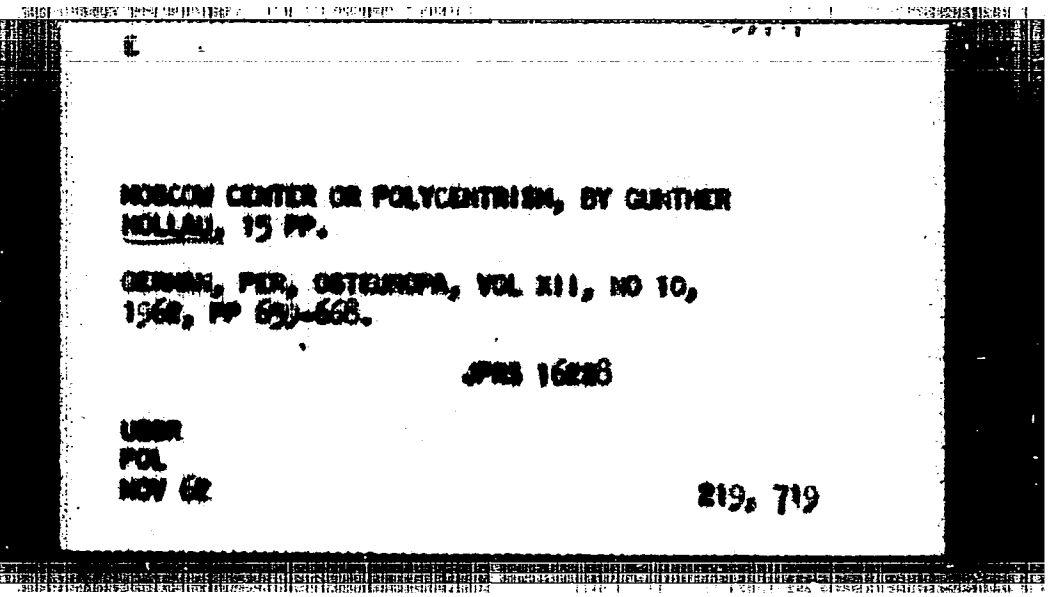

MOSCOW CENTER OR POLYCENTRISM, BY GUNTHER NOLLAU, 15 PP.

GERMAN, PER, OSTEUROPA, VOL XII, NO 10, 1962, PP 693-668.

JPRS 16286

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DIFFUSION EFFECTS IN CATALYSIS WITH ION EXCHANGERS,
BY HEINRICH NOLLER, AGATHE HASSLER, 5 PP.

GERMAN, PER, Z. FUR PHYSIKALISCHE CHEMIE
FRANKFURT, VOL XI, 1957, PP 267-272.

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Problems in Anaesthesia-1st Installment, 56
by H. Nolte,
GERMAN, per, Wehrmedizinische Monatsschrift,
No 1, 1966, pp 74-75.
*ACSI I-9785
ID 5834007466

H. Nolte

EEur/Mil/Germany
May 66

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Histologic Aspects Pertaining to the Problem of Oxygen Poisoning, by Hartmut Nolte, 16 pp. GERMAN, rpt, Schiffahrtmedizinisches Institut der Marine, pp 139-149. Dept of Navy NIC Trans 3026

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Hartmut Nolte

Sci/BGK
May 70

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Selection and Upraising of Gum Inhibitors and Metal-Deactivators for Motor Fuels, by E. G. Noltes.

GERMAN, mo per, Erd Oel und Kohle, Vol IX, No 12, 1956, pp 853-857.

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Self-Diffusion of Anions in AgI and CuI,
by J. Nolting, 3 pp.
GERMAN, per, Zeitschrift fur Physik
chemie Neue Folge, vol. 19, 1959,
pp. 118-120.
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J. Nolting

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Measurement of the Diffusion Coefficient in Solids at Different Temperatures With a Continuous Method Using the Technique of Radioactive Surfaces, by J. Bolting, 10 pp.

GERMAN, per, Zeit Physik Chem, Vol XXXII, 1962, pp 154-167, 9207663.

AEC-Tr-5761

Sci - Phys
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The Influence of Small Additions on the Recrystallization Behaviour of Super-Purity Aluminium, by G. Masing, K. Lucke, and P. Nolting, 34 pp.

GERMAN, per, Z. Metallkunde, Vol XLVII, No 2, Feb 1956, pp 64-74.

SLA 57-2341

Sci

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Nölting, P.
POSSIBILITIES OF AUTOMATION IN CONTINUOUS CASTING. [1962] 6p. (3 figs. omitted).
Order from SLA $1.10 62-14645

Trans. of Zeits[chrift] f[ür] Erzbergbau und Metallhüttenwesen (West Germany) 1961, v. 14, no. 1, p. 32-35.

DESCRIPTORS: *Casting, *Automation, Metals, Molding, Liquid metals.

(Metallurgy, TT, v. 8, no. 7)

62-14645

1. Nölting, P.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100400017-5

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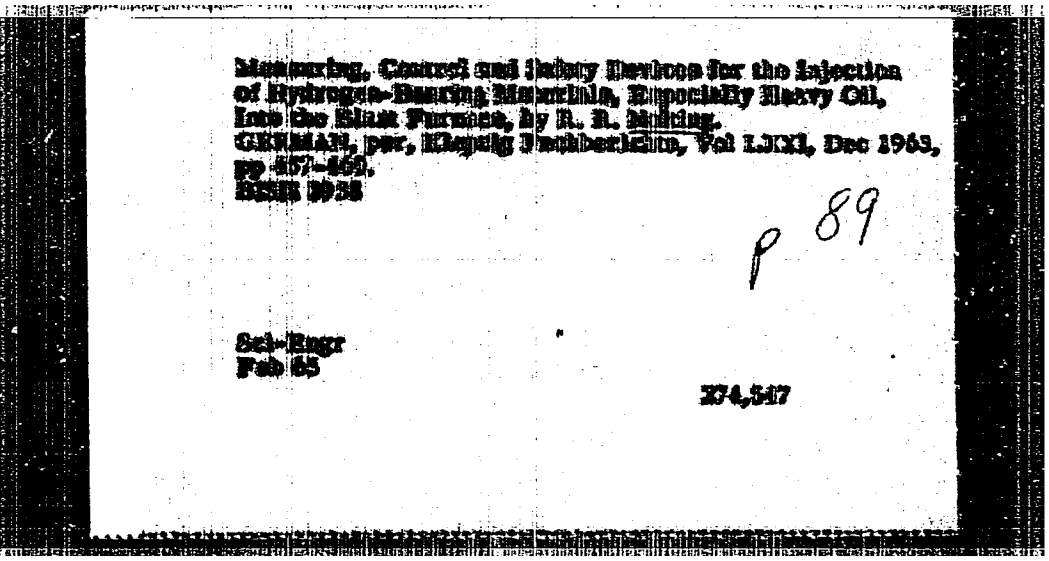

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DESCRIPTORS: *Semiconductors, *Crystal phosphors, *Zinc compounds, *Cadmium compounds, Sulfides, Mixtures, Photoelectric effect, Polarization, Spectrographic analysis.

An intimate relationship was found between the excitation spectrum of photoelectric polarization and other spectra of the phosphors. It appeared that the internal photoelectric effect in the fundamental absorption band is basically caused by free electrons. (Author)

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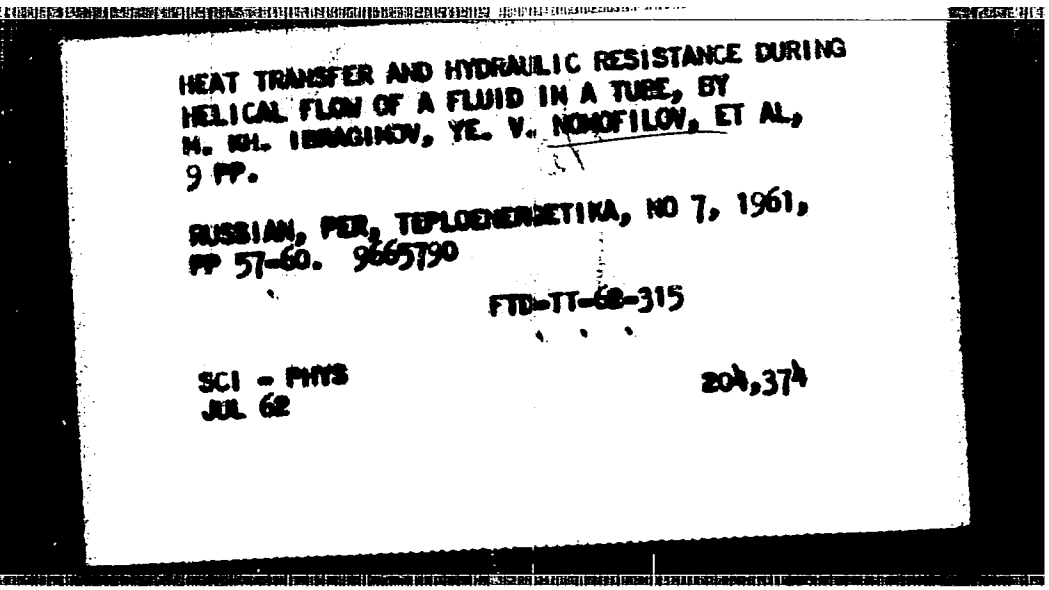

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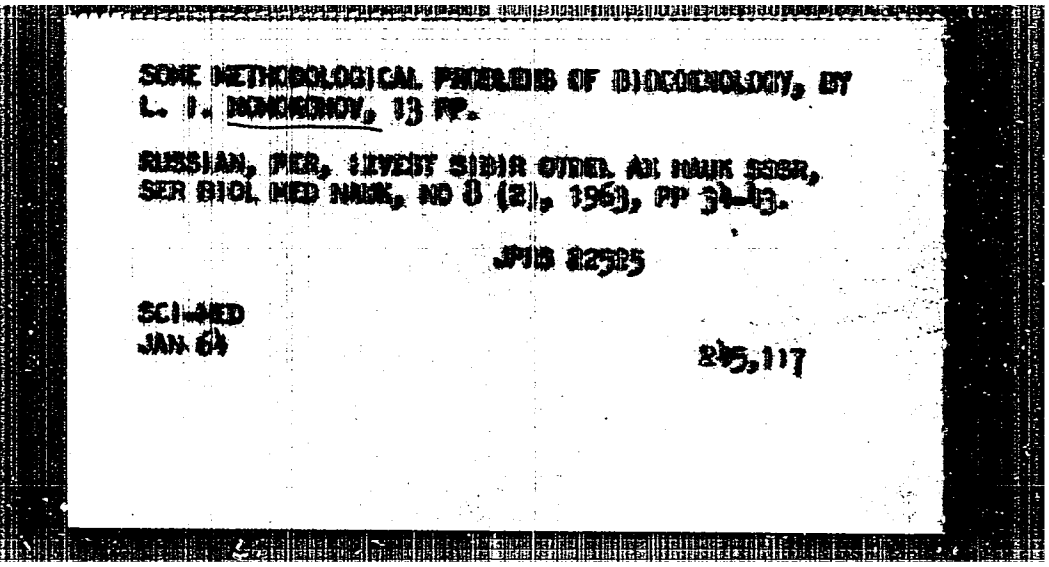

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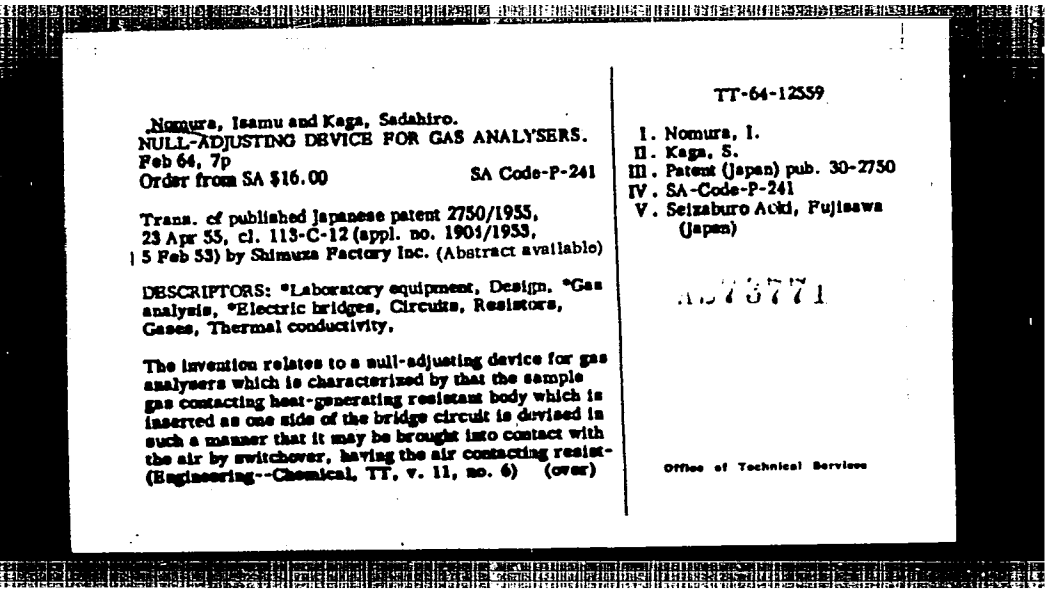

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NULL-ADJUSTING DEVICE FOR GAS ANALYSERS.
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Trans. of published Japanese patent 2750/1955, 23 Apr 55, cl. 113-C-12 (appl. no. 1901/1953, 5 Feb 53) by Shimuzu Factory Inc. (Abstract available)

DESCRIPTORS: *Laboratory equipment, Design. *Gas analysis, *Electric bridges, Circuits, Resistors, Gases, Thermal conductivity.

The invention relates to a null-adjusting device for gas analysers which is characterized by that the sample gas contacting heat-generating resistant body which is inserted as one side of the bridge circuit is devised in such a manner that it may be brought into contact with the air by switchover, having the air contacting resist-
(Engineering--Chemical, TT, v. 11, no. 6) (over)

TT-64-12559

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III. Patent (Japan) pub. 30-2750
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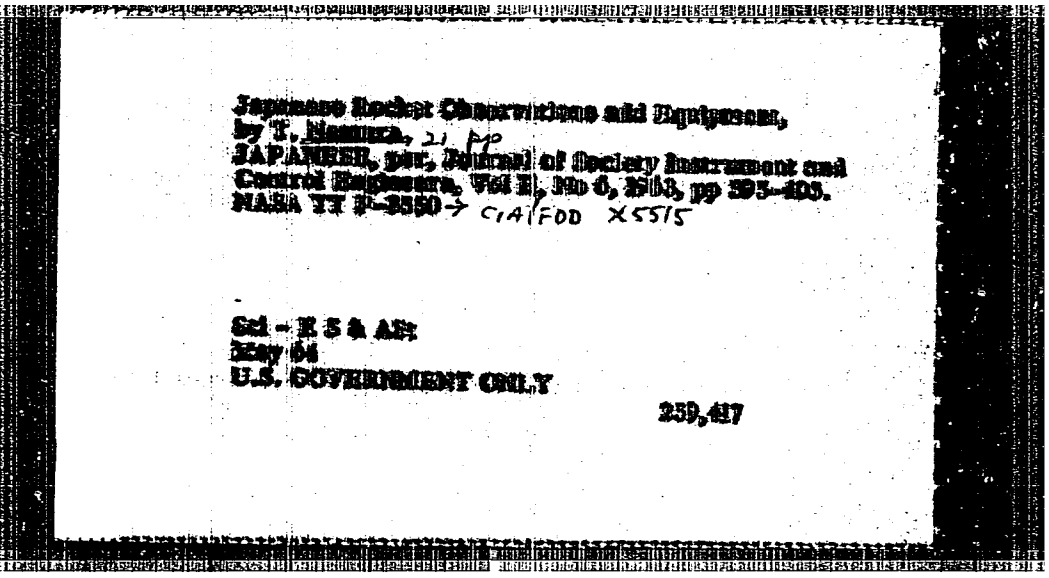

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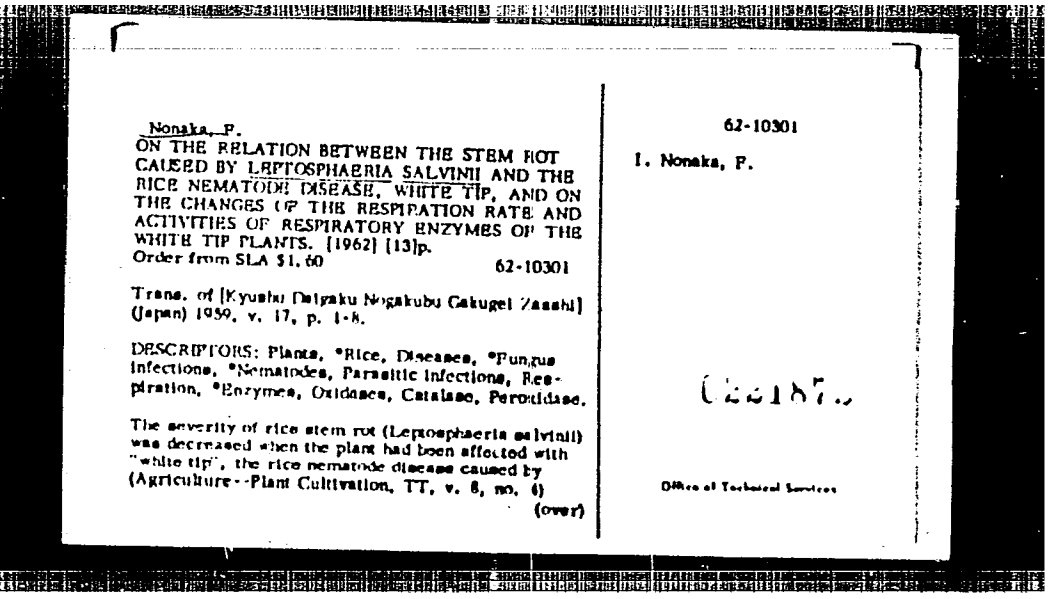

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DESCRIPTORS: Plants, *Rice, Diseases, *Fungus infections, *Nematodes, Parasitic infections, Respiration, *Enzymes, Oxidases, Catalase, Peroxidase.

The severity of rice stem rot (Leptosphaeria salvinii) was decreased when the plant had been affected with "white tip", the rice nematode disease caused by
(Agriculture--Plant Cultivation, TT, v. 8, no. 6)
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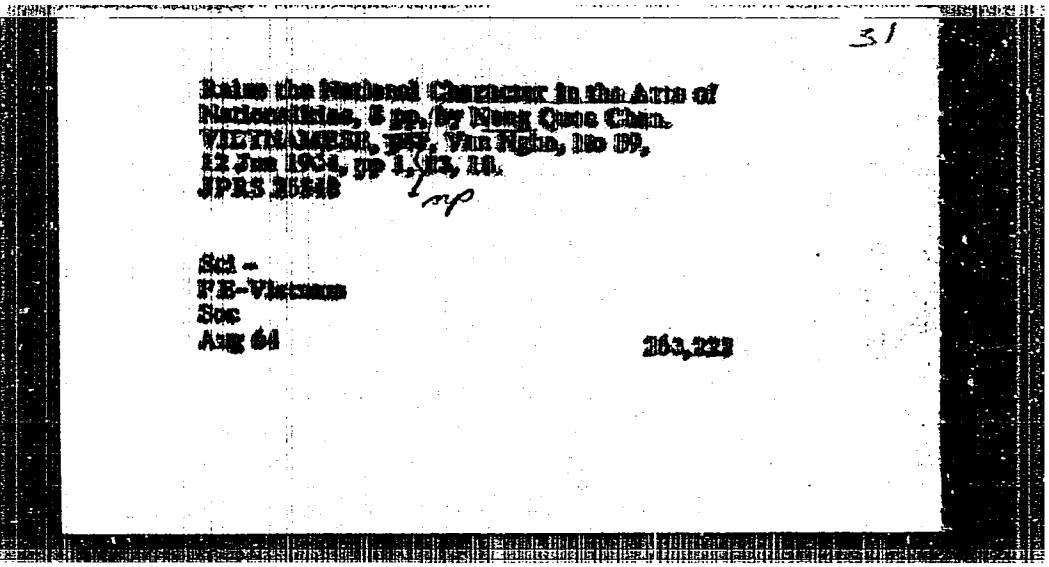

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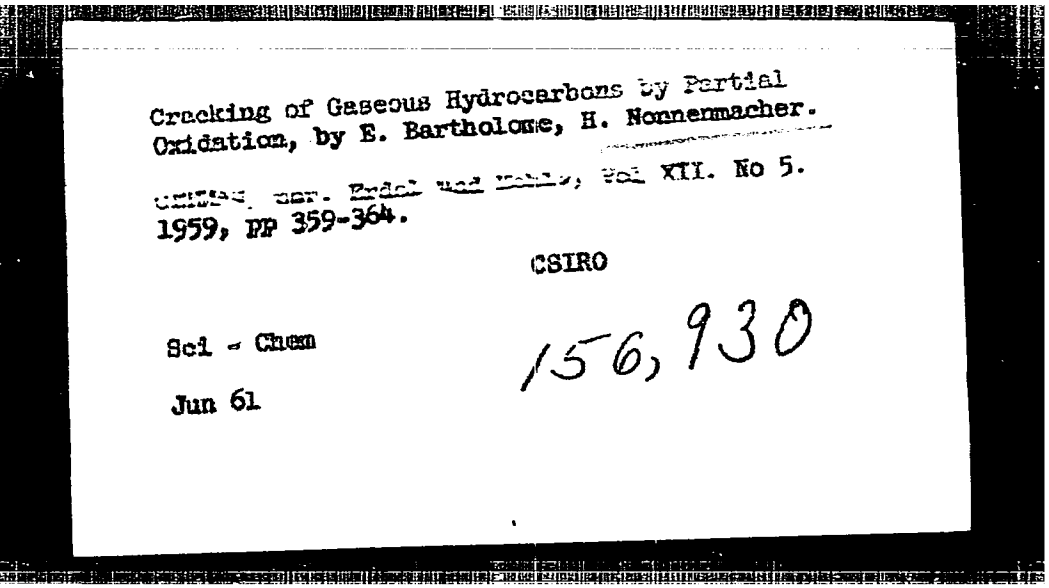

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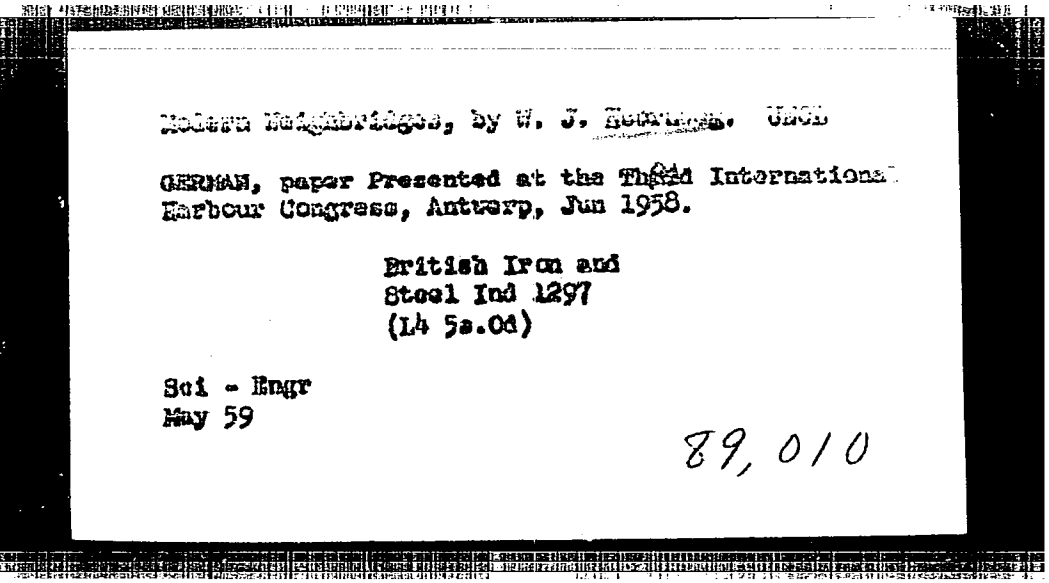

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